

TABLE 18. Federal research and development and research and development plant budget authority for general science and basic research (251): FY 2003-05

Funding category and agency	2003	2004	2005	2004-05
	actual	preliminary	proposed	
	Millions of dollars			
Total	6,999	7,263	7,398	1.9
National Science Foundation (NSF)	3,926	4,077	4,226	3.6
Mathematical and physical sciences	1,041	1,092	1,116	2.2
Geosciences	692	713	729	2.2
Computer and information science and engineering	589	605	618	2.2
Biological sciences	570	587	600	2.2
Engineering	542	565	576	1.9
U.S. polar research programs	255	274	282	2.8
Integrative activities	98	144	240	66.5
Social, behavioral, and economic sciences	185	204	225	10.3
Major research equipment	150	155	213	37.6
Education and human resources	139	137	132	-4.2
Budget authority adjustment ¹	-335	-399	-503	na
Department of Energy (DOE)	3,073	3,186	3,172	-0.4
Basic energy sciences	1,002	1,008	1,064	5.5
High energy physics	702	734	737	0.5
Biological and environmental research	494	590	502	-14.9
Human genome	73	64	65	0.5
All other research	421	525	437	-16.8
Nuclear physics	371	390	401	2.9
Fusion energy sciences	241	263	264	0.6
Advanced scientific computing research	163	202	204	1.0
Energy research analyses	0	0	0	na
Small business innovation research ²	100	0	0	na

na = not applicable.

R&D = research and development.

¹Budget authority adjustment subtracts costs for research facilities, major equipment support, and other non-R&D from total NSF budget authority.

²DOE treats this activity as a budget execution program (i.e., funds are collected from existing appropriations and are not allocated until three quarters into the fiscal year).

NOTES: Details may not add to totals because of rounding. Percent change derived from unrounded data. Not all federally sponsored basic research categorized in subfunction 251.

SOURCES: Agencies' submissions to Office of Management and Budget, MAX Schedule C; budget justification documents; and supplemental data obtained from agencies' budget offices.